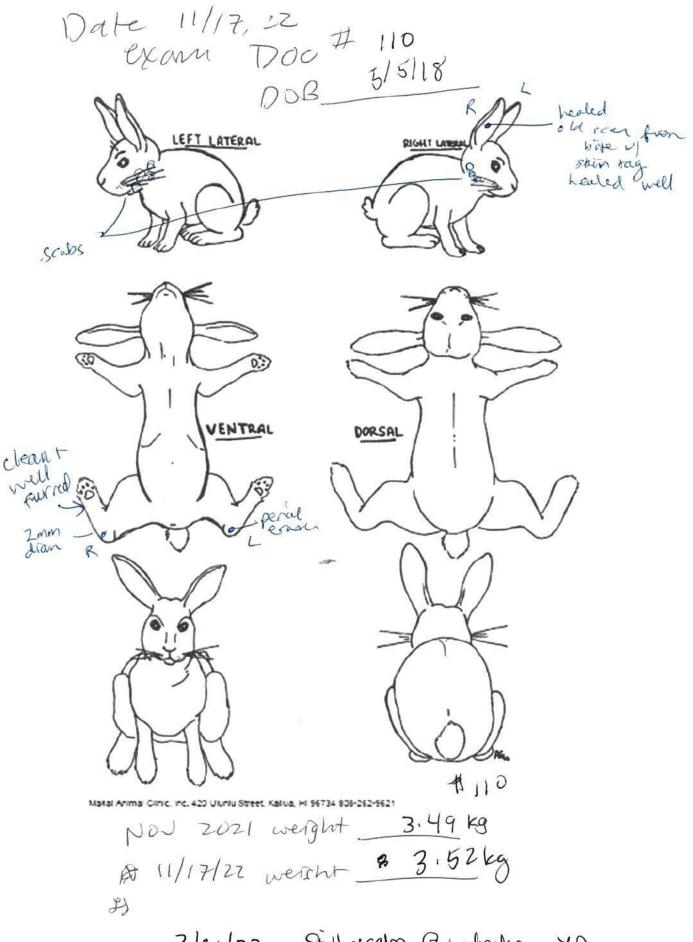
Doc #110 Pant1



3/21/23 - Still v calso @ cheeks HJ Diet D underway!

Program Coordinator

FEFA, LLC

Jarrell, Leslie (she/her/hers) From: Tuesday, March 7, 2023 8:04 AM Sent: Graff, Jaimie; To: Cc: Subject: RE: rabbit food and exercise Hope they will like it. Thanks Thanks, Leslie From: Sent: Tuesday, March 7, 2023 7:23 AM To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; Graff, Jaimie <Graff.Jaimie@epa.gov>; Cc: Subject: Re: rabbit food and exercise Importance: High Good morning, Just wanted to let you know that the new rabbit pellet food came in last week along with the variety of new hay. started the new pellets yesterday with the amount Leslie suggested feeding and she will continue over the next few weeks with the gradual change. She will give the new hay 2 times a week as suggested. Thanks, Program Coordinator FEFA, LLC Contractor to US EPA From: Sent: Wednesday, March 1, 2023 10:28 AM Graff, Jaimie To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; <Graff.Jaimie@epa.gov>; Cc: Subject: Re: rabbit food and exercise Okay, it's been ordered along with the variety of hay you wanted. Thanks.

1

From: Jarrell, Leslie (she/her/hers) < <u>Jarrell.Leslie@epa.gov</u> > Sent: Wednesday, March 1, 2023 10:27 AM To:	Graff Jaimie
< <u>Graff.Jaimie@epa.gov</u> >;	
Cc: Subject: RE: rabbit food and exercise	
Yay! Thanks !!! Leslie	
From: Sent: Wednesday, March 1, 2023 10:25 AM To: Jarrell, Leslie (she/her/hers) < <u>Jarrell, Leslie@epa.gov</u> >; < <u>Graff, Jaimie@epa.gov</u> >;	Graff, Jaimie
Cc: Subject: Re: rabbit food and exercise Importance: High	
Yes, they have Oxbow Garden Select https://www.chewy.com/oxbow-garden-select-adult-rabbit-food/dp/145138	
Program Coordinator FEFA, LLC Contractor to US EPA	
From: Jarrell, Leslie (she/her/hers) < <u>Jarrell.Leslie@epa.gov</u> > Sent: Wednesday, March 1, 2023 10:17 AM	Graff, Jaimie
Cc: Subject: RE: rabbit food and exercise	Gran, Jannie
Hi OK then let's switch to Oxbow Garden Harvest Adult pellets if those are at Chewy? Thanks, Leslie	
From: Sent: Wednesday, March 1, 2023 10:14 AM	
To: Jarrell, Leslie (she/her/hers) < <u>Jarrell.Leslie@epa.gov</u> >; < <u>Graff.Jaimie@epa.gov</u> >;	Graff, Jaimie
Cc:	

Subject: Re: rabbit food and exercise

Importance: High

Hi Leslie,

We have been looking around on where to buy it. Unfortunately Chewy does not carry it and the only other place I found is Tractor Supply, are you ok with this?

Thanks,

Program Coordinator FEFA, LLC Contractor to US EPA

From: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>

Sent: Wednesday, March 1, 2023 9:27 AM

To: <Graff.Jaimie@epa.gov>;

Gran Jannie wepa.gov

Cc:

Subject: RE: rabbit food and exercise

Thanks That's good to know. Plus will be easier to switch!

If possible, if the Oxbow Adult Simple Harvest pellets could be purchased, that would be great. Maybe just the small bag. If the rabbits could have ¼ of the new pellets and ¾ of the old pellets once daily for a week, that would work very well. These have higher fiber, so will need to be a very slow change. Some rabbit breeders/ producers change over much faster, so I am not expecting any problems. Second week; 50/50, Third week 75/25 and 4th week 100% on new pellets. Total volume should stay at ½ cup/ day.

Graff, Jaimie

Graff, Jaimie

https://oxbowanimalhealth.com/product/simple-harvest-adult-rabbit-food/

thanks very much, Leslie

From:

Sent: Wednesday, March 1, 2023 9:22 AM

To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>;

<Graff.Jaimie@epa.gov>;

Cc:

Subject: Re: rabbit food and exercise

Importance: High

Hi Leslie,

said the line on the cup is more on the ½ cup mark

Program Coordinator FEFA, LLC Contractor to US EPA

Thanks for this info, its very helpful.

From:	
Sent: Wednesday, March 1, 2023 9:05 AM To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; Graff, J	Jaimie
<graff.jaimie@epa.gov>;</graff.jaimie@epa.gov>	
	_
Cc: Subject: Re: rabbit food and exercise	
Subject. Ne. Fabbit 1000 and exercise	
Hi Leslie,	
The rabbits get ¼ cup of the pellet food a day.	
Thanks,	
Program Coordinator	
FEFA, LLC	
Contractor to US_EPA	
Francis Invalid Inclinate the Albert Invalidation of the Community of the	
From: Jarrell, Leslie (she/her/hers) < <u>Jarrell.Leslie@epa.gov</u> > Sent: Tuesday, February 28, 2023 2:02 PM	
To: Graff, Jaimie < Graff. Jaimie@epa.gov >;	
	_
Cc: Subject: RE: rabbit food and exercise	
	W MANAGEMENT
If possible, it would be great to think about starting the rabbits on the new Oxbow diet. Do the rabbits g	et 1 cup of 5P25
daily? If not, what is the volume? Thank you,	
Leslie	
<u> </u>	
From:	
Sent: Tuesday, February 14, 2023 3:31 PM To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; Graff, Jaimie < Graff.Jaimie@epa.gov>;	
10. Janeth, Leshe (she) her filers Sarremeeshe (see pa.gov)	
Cc:	
Subject: RE: rabbit food and exercise	
Hi Leslie,	
er	

Currently the 5P25 rabbit diet is sold in 30lb bags. The oxbow diet will be more flexible, I believe they have it in 5, 8, 10 and 20lb bags.

Its not a problem to do a mix, just let us know the ratio of oxbow to 5P25 and we'll make it happen.

Thanks,

From: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>

Sent: Tuesday, February 14, 2023 3:07 PM

To: Graff, Jaimie < Graff, Jaimie@epa.gov>:

Cc:

Subject: RE: rabbit food and exercise

Hi again,

Oxbow has emailed that they have an expiration date on all products, except for the Enriched life and Timothy Club products. They do not have milled dates.

Here are their recommendations;

Oxbow guarantees our Critical Care, food, treats and supplements UNOPENED = for 2 years (which is the best by date found on the package).

Specifically related to our fortified food, that is good for 90 days after opening if kept in the original packaging, and 60 days if transferred to a different container. We have done extensive shelf-life testing and have found after those allotted time periods, though the fiber content tends to stay relatively consistent, we can no longer guarantee the freshness and vitamin/mineral stability of the product. Though the product typically does not immediately become rancid or unsafe to feed after reaching the best by date, it will not provide our otherwise guaranteed complete nutritional profile.

The PI has approved this diet change, and has approved increased time in play pen. Would it be possible to feed multiple pelleted diets for a lengthy transition period? I would like to keep the rabbits on current 5P25 pellet diet in a small percentage. What is the smallest amount of 5P25 pellet diet that can be bought? If so, I will send a proposed feed change schedule/ amount later this month.

Thank you, Leslie

From: Jarrell, Leslie (she/her/hers)

Sent: Tuesday, February 14, 2023 10:57 AM

To: Graff, Jaimie < Graff. Jaimie @epa.gov>;

Cc:

Subject: RE: rabbit food and exercise

That's great name!
That's great news! Thank you,
Leslie
Lesile
From:
Sent: Tuesday, February 14, 2023 10:52 AM To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; Graff, Jaimie < Graff.Jaimie@epa.gov>;
Cc: Subject: RE: rabbit food and exercise
Hi Leslie,
Bunnies are getting 15+ minutes of exercise a day. Please note that this is usually a combination of hopping around, investigating and lounging! Sometimes they like to just spread out in the corner and chill.
We will wait to order the feed until you give us the OK and then we'll write a plan up for the feed acclimation plan.
1 carrot a month it is!
Thanks!
From: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>
Sent: Monday, February 13, 2023 8:35 AM
To: Graff, Jaimie < Graff.Jaimie@epa.gov >;
Cc: Subject: RE: rabbit food and exercise
Subject. Re. labbit food and exercise
Thanks Please don't start any feed pellet changes yet. I am checking with lab, and I will need time for charting.
I think one carrot a month is OK.
OK please let me know the amount of exercise time per rabbit per day.
Thank you
From:
Sent: Monday, February 13, 2023 7:59 AM
To: Graff, Jaimie < Graff. Jaimie@epa.gov>; Jarrell, Leslie (she/her/hers) < Jarrell. Leslie@epa.gov>;
Cc: Subject: RE: rabbit food and exercise
50.00 M (20.00 M (20

Hi Everyone,

Lets close the loop up on this:

Leslie, we can order the food you requested below and start an incremental change over. This will be a little different as the oxbow feed probably wont have a Mill Date on them. How do you want us to handle the expiration date? Currently we are operating on 6 months after Mill Date. I would recommend 6 months from receipt OR the printed expiration date. Whichever comes first.

We will limit to 1 carrot per month (can we do a quarter carrot once a week?? Or should we eliminate carrots all together and look for a less sugary substitute)

I've requested that increase play time for the 3 bunnies. I'll confirm its on her schedule.

Thanks!

From: Graff, Jaimie < Graff. Jaimie @epa.gov>
Sent: Monday, February 13, 2023 7:35 AM

To: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>;

Cc:

Subject: RE: rabbit food and exercise

I thought we were already talking about/doing these things? Jaimie

From: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>

Sent: Friday, February 10, 2023 3:03 PM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov >;

Subject: RE: rabbit food and exercise

Checking in

- 1. OK to discuss possibly adding different brands of pellets?
- 2. I spoke w briefly about treats- she thinks they are getting a fair number of treats!!
- 3. Play pen time increases possible?

From: Jarrell, Leslie (she/her/hers)

Sent: Wednesday, February 8, 2023 8:08 AM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>;

Subject: RE: rabbit food and exercise

Hi, I'm looking at these pellets,

https://oxbowanimalhealth.com/product/essentials-adult-rabbit-food/

It looks like they come in a 25# bag. I will figure out how long that would last for ¾ cup per rabbit per day. They have a senior diet, but it has less fiber. Maybe will use that pellet later.

I'd like to switch them extremely slow, over several months. Even then I would probably keep them on a little bit of the old pellets. It is important that they have very slow changes, and that they accept the new pellets.

I will email the lab.

Thanks, Leslie

From: Jarrell, Leslie (she/her/hers)
Sent: Tuesday, February 7, 2023 3:32 PM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov >;

Subject: RE: rabbit food and exercise

Hi all,

Quote from our rabbit expert, "They are only growing girth-wise at this point."

I will look into timothy hay based pellets. Also advice; no more carrots, too much sugar! Let's drop carrots to once a month. They need to have a little fun. Wyatt has an increased body condition score. Johnny and Doc- you can feel ribs, mostly.

Thanks, Leslie

From: Jarrell, Leslie (she/her/hers)

Sent: Tuesday, February 7, 2023 11:44 AM

To:

Cc: Graff, Jaimie < Graff, Jaimie@epa.gov >;

Subject: RE: rabbit food and exercise

Thanks This one has more protein and less fiber than their other one.

I've got this Rabbit Body Condition Score, within this rabbit obesity article, that was used in an AALAS poster. If possible if it could be printed? Rabbits can store fat in folds and inguinal besides just over back/ hips.

https://lafeber.com/vet/body-condition-scoring-the-rabbit/

Thanks, Leslie

From:

Sent: Tuesday, February 7, 2023 11:30 AM

To: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>; Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>; Subject: Re: rabbit food and exercise Importance: High Hi Leslie. We use the 5P25. I attached both so you can compare. **Program Coordinator** FEFA, LLC Contractor to US EPA From: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov> Sent: Tuesday, February 7, 2023 10:57 AM To: Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>; Subject: RE: rabbit food and exercise OK cool. Is the Pro lab Hi Fiber the same as #5326? Would it be OK to consider some of the Oxbow rabbit pelleted diets? They are timothy based. I'm not sure if they can be irradiated etc. But the hay isn't irradiated. Or does anyone know of a vendor besides Purina/ LabDiet for lab rabbit diets? I checked w Purina, and they seem to only have alfalfa based pellets. I wonder if the treats could be contributing. I give each rabbit a treat once a week, at least! Thanks, Leslie From: Sent: Tuesday, February 7, 2023 10:45 AM To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>; Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>; Subject: Re: rabbit food and exercise Importance: High Hi Leslie. and the rabbits get 1 carrot per week as The pellet food we use is the ProLab High fiber. I just talked to

can you pipe in about play pen time being increased?

instructed.

Thanks,

Program Coordinator FEFA, LLC Contractor to US EPA

From: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>

Sent: Tuesday, February 7, 2023 10:15 AM

To:

Cc: Graff, Jaimie < Graff. Jaimie @epa.gov >;

Subject: rabbit food and exercise

Hi all,

The rabbits have been gaining some weight. Checking in, on how many carrots they get? Most of their calories come from pellets- will need to look into that. They need a little pellets for vitamins etc. However maybe should offer additional brand, or less pellets overall. I think these pellets are alfalfa based. Would you possibly send me the pellet name, is if the Lab Diet rabbit hi fiber plain or certified?

With 3 rabbits now, would it be possible to increase their time in play pen, a little bit? Possibly more activity time to stretch would be good. If possible, if the grain pan(s) can be put back into the playpen? If they are upside down then they can hop on one.

Thank you, Leslie

Leslie Jarrell, JD, DVM, DACLAM, CertAqV (WAVMA)
Contractor for the US EPA- MPF Federal
Attending Veterinarian for RTP campus and Health IACUC
109 TW Alexander Dr, MD# B143-03
Research Triangle Park, NC 27709
Jarrell.leslie@epa.gov
Pronouns- she, her
Work cell 919-704-0532

From:

Jarrell, Leslie (she/her/hers)

Sent:

Wednesday, March 1, 2023 10:27 AM

To:

Cc:

Graff, Jaimie;

Subject:

RE: Rabbit pelleted diet- question

Thanks

Since we did not find any parasites or disease processes with their skin lesions, I'm thinking it is probably some diet related issue. They have been on the Purina pellets only, and those are for production rabbits- not expected to be around after 3 years. Hopefully changing pellets and adding a variety of hays and pellets will give them a larger variety of nutrients and resolve their skin issues.

Thanks again, Leslie

From:

Sent: Wednesday, March 1, 2023 10:25 AM

To: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>;

Subject: RE: Rabbit pelleted diet- question

Importance: High

Ok – makes sense if they don't start losing weight.

From: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>

Sent: Wednesday, March 1, 2023 10:01 AM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov >;

Subject: RE: Rabbit pelleted diet- question

We will order a small bag of Simple Harvest to try out. Will do a very slow change, with 1/4 new and 3/4 old pellet, changing over in about 4 weeks. I am not expecting any issues. Will add the others over time, if OK with you.

Thanks,

Leslie

From: Jarrell, Leslie (she/her/hers)

Sent: Tuesday, February 28, 2023 2:23 PM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>

Subject: Rabbit pelleted diet- question

Importance: High



Hope you are doing well. Currently the bunnies are on a Purina pellet with high protein and low fiber. It is meant for production. I'd like to switch them to lower protein and higher fiber pellet, because they will be 5 years old.

These are all Oxbow pellets. One of them called Essential Senior. It has turmeric, chamomile and ginger in it. I looked it up on Pubmed, and these actually look like they help sperm production, and motility after freezing. Would that be OK to try?

https://oxbowanimalhealth.com/product/essentials-senior-rabbit-food/

The other 2 don't have those additives
Simple Harvest-Adult
https://oxbowanimalhealth.com/product/simple-harvest-adult-rabbit-food/

Garden Select Adult

https://oxbowanimalhealth.com/product/garden-select-adult-rabbit-food/

Thanks, Leslie

Leslie Jarrell, JD, DVM, DACLAM, CertAqV (WAVMA)
Contractor for the US EPA- MPF Federal, Inc
Attending Veterinarian for RTP campus and Health IACUC
109 TW Alexander Dr., MD# B343-03
Research Triangle Park, NC 27709
Jarrell.leslie@epa.gov
Pronouns- she, her
Work cell 919-704-0532

From:

Jarrell, Leslie (she/her/hers)

Sent:

Monday, February 13, 2023 10:54 AM

To:

Subject:

Re: Rabbit diet and playpen



Sent from my iPad

On Feb 13, 2023, at 9:59 AM,

wrote:

ok

From: Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>

Sent: Monday, February 13, 2023 8:45 AM

To:

Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>

Subject: Rabbit diet and playpen

Importance: High

Hi all,

Checking in that it would be OK to change the rabbits' diet a little. I would like to switch extremely slowly to timothy based pellets, instead of the current alfalfa based pellets. Wyatt has gained excess weight, and the other 2 do not need excess weight either. Obesity contributes to foot lesions and other health issues. Also will limit carrots further, to once a month, per rabbit. Goal is to stop the weight gain and maybe get them a little more fit.

Also, on the same thought, would like to increase their time in the playpen. Would that work ok? Thank you,

Leslie

Leslie Jarrell, JD, DVM, DACLAM, CertAqV (WAVMA)
Contractor for the US EPA- MPF Federal
Attending Veterinarian for RTP campus and Health IACUC
109 TW Alexander Dr, MD# B143-03
Research Triangle Park, NC 27709
Jarrell.leslie@epa.gov
Pronounce she her

Pronouns- she, her Work cell 919-704-0532

From:

Jarrell, Leslie (she/her/hers)

Sent:

Thursday, February 2, 2023 3:13 PM

To:

Jaimie:

Subject:

RE: IDEXX BioAnalytics Case 102454-2023 - Jasper

Follow Up Flag:

Follow up

Flag Status:

Flagged



Currently I am discontinuing selamectin applications. No, that should not cause hypersalivation. Wyatt more likely has mild/ brewing dental disease, and also occasionally has leftover critical care slobber.

I'm not planning to implement any vitamin D supplementation as hypervitaminosis D has been reported in a variety of rabbits, and we do not have consensus on normal range. Right now, the tiny cheek scabs are not causing any clinical issues, or causing rabbits to scratch. So I do not think they are causing inflammation/irritation to the rabbits, which is confirmed on histopath samples.

I would consider feeding an increasing variety of rabbit pellets and hays. For instance, offer more variety in the Oxbow hays, and small amounts of different diets within the family of LabDiet / Purina rabbit pellets.

Thanks,

Leslie

From:

Sent: Thursday, February 2, 2023 3:02 PM

To: Jarrell, Leslie (she/her/hers) < Jarrell.Leslie@epa.gov>;

Graff, Jaimie < Graff. Jaimie @epa.gov>;

Graff,

Subject: RE: IDEXX BioAnalytics Case 102454-2023 - Jasper

Hey Leslie,

Thanks for sharing!

Taking the results from both this necropsy and the previous ectoparasite test into consideration, what is the plan for the selamectin treatments? Also, is it possible that the crusted material that we have seen under Wyatt's chin (AHR# 22192) is related to this hyperkeratosis/follicle atrophy finding rather than dental disease? I'd be interested to hear if the pathologist that you're consulting with has any thoughts on it.

Thanks,

Animal Health Specialist MPF Federal Contractor to US EPA From: Jarrell, Leslie (she/her/hers) < <u>Jarrell.Leslie@epa.gov</u>>

Sent: Thursday, February 2, 2023 2:43 PM

To:

Graff, Jaimie < Graff. Jaimie@epa.gov >;

Subject: FW: IDEXX BioAnalytics Case 102454-2023 - Jasper

Hi all,

This is the report for Jasper's biopsies. He had myocardial necrosis, with fibrosis and heart valve degeneration. The pathologists (4 of them!) thought that the heart changes were chronic, and resulted in a cardiomyopathy, with some degree of heart failure.

Skin- no signs of mites, or inflammation, or anything infectious. I suspect skin issues could be related to age as suggested, or could be vitamin D related. I am consulting with the pathologist. Vitamin D levels are not well documented in rabbits. It is hard to consider supplementing, if you don't know the normal range. There was a paper where they documented that rabbits got more vitamin D from hay and pellets, than they did with exposure to natural sunlight. It was a survey though. Vit D receptor knockout mice can have hair follicle abnormalities, similar to what the pathologists saw.

Thank you, Leslie

From: IDEXX BioAnalytics <IDEXXBioAnalytics@idexx.com>

Sent: Thursday, February 2, 2023 12:19 PM

Jarrell, Leslie (she/her/hers) <Jarrell.Leslie@epa.gov>;

Subject: IDEXX BioAnalytics Case 102454-2023

Results for case 102454-2023 are now available on the <u>IDEXX BioAnalytics</u> web site. Please reply if you have questions or wish to discuss this case.

Attac	hments
File Name	Description
IDEXX Case 102454-2023.pdf	IDEXX Case 102454-2023 Report

From:

Jarrell, Leslie (she/her/hers)

Sent:

Thursday, February 2, 2023 2:43 PM

To:

Graff, Jaimie;

Subject:

FW: IDEXX BioAnalytics Case 102454-2023 - Jasper

Attachments:

IDEXX_Case_102454-2023.pdf

Follow Up Flag: Flag Status: Follow up Flagged

Hi all,

This is the report for Jasper's biopsies. He had myocardial necrosis, with fibrosis and heart valve degeneration. The pathologists (4 of them!) thought that the heart changes were chronic, and resulted in a cardiomyopathy, with some degree of heart failure.

Skin- no signs of mites, or inflammation, or anything infectious. I suspect skin issues could be related to age as suggested, or could be vitamin D related. I am consulting with the pathologist. Vitamin D levels are not well documented in rabbits. It is hard to consider supplementing, if you don't know the normal range. There was a paper where they documented that rabbits got more vitamin D from hay and pellets, than they did with exposure to natural sunlight. It was a survey though. Vit D receptor knockout mice can have hair follicle abnormalities, similar to what the pathologists saw.

Thank you, Leslie

From: IDEXX BioAnalytics <IDEXXBioAnalytics@idexx.com>

Sent: Thursday, February 2, 2023 12:19 PM

To:

Subject: IDEXX BioAnalytics Case 102454-2023

Results for case 102454-2023 are now available on the <u>IDEXX BioAnalytics</u> web site. Please reply if you have questions or wish to discuss this case.

Attac	hments
File Name	Description
IDEXX_Case_102454-2023.pdf	IDEXX Case 102454-2023 Report

IDEXX BioAnalytics



FINAL REPORT OF LABORATORY EXAMINATION 4011 Discovery Drive, Columbia, MO 65201 1-800-669-0825 1-573-499-5700

idexxbioanalytics@idexx.com

www.idexxbioanalytics.com

Phone: 919-541-5155

Email:

IDEXX BioAnalytics Case # 102454-2023

Received Date: 1/26/2023

Completed: 2/2/2023

Submitted By

Leslie Jarrell MPF Federal

109 T.W. Alexander Drive, MD 105-10

jarrell.leslie@epa.gov; Research Triangle Park, NC 27709

Specimen Description

Species: rabbit Breed/Strain: NZW Description: Tissues

Number of Specimens/Animals: 1

Study: clinical case

Strain /Breed Client ID **Species** NZW 1 rabbit

Services/Tests Performed: Diagnostic Pathology Services (1)

Histopathologic evaluation for: heart, lung, pericardium, skin, SQ mass

General Comments: 1. Skin sample from dorsal/lateral neck, with multiple small scabs throughout. Ectoparasite sample IDEXX Bioanalytics case # 133695-2022 was negative for rabbit mites. Rabbits treated with 3 rounds selamectin topically anyway q2 weeks x 3, with complete bedding change. Still scabs.2. Heart and adjacent tissue- apex of heart was attached to chest wall with ?? adhesions?3. SQ skin mass on ventral midline, soft tissue; This rabbit was a 905 year old NZW intact male, with history of gastric stasis and suspected arthritis/weakness front legs would slide out on cage floor; Tissues - skin

Summary:

DIAGNOSIS:

Skin: mild to moderate orthokeratotic hyperkeratosis, epidermal atrophy, hair follicles atrophy

Heart: myocardial necrosis with interstitial fibrosis, multifocal and valvular myxomatous degeneration

Pericardium / adipose tissue: fibrosis

SQ mass: fibroma

COMMENTS:

This case was reviewed by 3 additional pathologists with interest in laboratory animal pathology. The hyperkeratosis in

the skin could explain the presence of small scales. Given the presence of epidermal atrophy (thinning) and hair follicles atrophy, an underlying endocrine disorder or age related cause are the 2 main differentials. There was no significant inflammation or evidence of an infectious etiology. In one skin sample, there was an increased in dermal fibrosis / subcutaneous fibrosis interpreted to be a fibroma, which is an incidental age related finding. The changes in the heart are chronic and likely resulted in a cardiomyopathy. This could have resulted in some degree of heart failure, which could explain the presence of fibrosis in the pericardium / adipose tissue and the adhesion noted at necropsy. Once again, there was no evidence of inflammation or infectious etiology. The cardiac changes are likely age related as this animal was 9.5 years old, which is relatively old for a rabbit.

Please feel free to contact me via email at	if you have any questions regarding this
histopathology report.	
Please see the report for details.	

HISTOPATHOLOGY

Animal: 1	
heart	Heart. There are multifocal areas of cardiomyocytes degeneration / necrosis with interstitial fibrosis. This change affect 20% of the left ventricle. The valve is mildly degenerate with myxomatous changes.
lung	no significant lesions
pericardium	This tissue is comprised of pericardium and adipose tissue. There are mature fibroblasts associated with fibrous connective. There are few reactive mesothelial cells.
skin	Skin. There are multifocal areas of mild to moderate orthokeratotic hyperkeratosis. The epidermis is 1-2 cell layers thick. There is an increased number of hair follicles in telogen phase. There is no significant inflammation.
SQ mass	Skin. In one of the skin sample received, there is an increased of dermal / subcutaneous fibrous connective tissue, forming a poorly defined mass like structure.

Jarrell, Leslie From: Jarrell, Leslie Sent: Sunday, December 4, 2022 11:25 AM To: Graff, Jaimie: Cc: Subject: RE: Rabbits - update 11292022- starting treatment w selamectin Importance: High Hi I have not yet received results from ectoparasite testing at IDEXX. However based on clinical signs and number of rabbits affected, I will treat them as though they are positive for Cheyletiella mites. I plan to start treatment on Monday afternoon. It is topical selamectin. They will get approximately 12 mg/kg, topically. The frequency is every 2 to 4 weeks. I'd like to start them at every 2 weeks but it is a holiday week. Schedule will be Monday Dec 5, Tues Dec 27 and Mon Jan 9. Hopefully that will be all that is needed. Regular clean-up should be good. For animal care staff and lab staff; Be sure not to touch the selamectin when it is wet, with bare hands. Once it is dried, it is OK to touch, about 24 hours. This is not the brand name Revolution (dog/ cat flea/tick topical), but the same compound as Revolution (selamectin). I copied just in case. if possible, if can help me on Monday, say at 1 pm? Thanks. Leslie From: Jarrell, Leslie Sent: Tuesday, November 29, 2022 3:57 PM To: Cc: Graff, Jaimie < Graff. Jaimie@epa.gov>;

Subject: Rabbits - update 11292022

Hi all,

and I did the rabbits' exams on Nov 17, 2022.

Jasper 104. DOB 5/7/14. Weight 11/21/22= 3.81 kg, Weight 11/21/21= 3.65 kg, Weight 4/26/21= 3.66 kg, Weight 4/27/2020= 3.96 kg. Bright, alert, responsive and hydrated. Pinpoint scabs at both sides of face on cheeks, no alopecia, no pruritus. Very mild pododermatitis both hind feet. Fur is thin but clean on ventral surface of feet. 1 cm diameter subcutaneous mass, freely movable, right lateral chest. Perineum slightly pink but not inflamed. Monitor.

- Wyatt 109. DOB 5/5/18. Weight 11/21/22= 4.16 kg, Weight 11/21/21= 3.84 kg, Weight 4/26/21= 3.66 kg. Weight 4/27/2020= 3.68 kg. Bright, alert, responsive and hydrated. Pinpoint scabs at both sides of face on cheeks, no alopecia, no pruritus. Mild pododermatitis right hind foot. Feet are well furred and clean. Small circle of alopecia only 2 mm diameter circle at point of hock right foot only.
- 3. Doc 110. DOB 5/5/18. Weight 11/21/22= 3.52 kg, Weight 11/21/21= 3.49 kg, Weight 4/26/21= 3.44 kg, Weight 4/27/2020= 3.34 kg. Bright, alert, responsive and hydrated. Pinpoint scabs at both sides of face on cheeks, no alopecia, no pruritus. Right ear pinna has healed old wound from bite, with skin tag, healed well. Mild pododermatitis both hind feet. Clean, well furred feet. Small circle of alopecia 2 mm diameter circle at point of hock right hind and about 4 mm diameter on left hind.
- 4. Johnny 111. DOB 5/5/18. Weight 11/21/22= 3.69 kg, Weight 11/21/21= 3.46 kg, Weight 4/26/21= 3.53 kg. Weight 4/27/2020= 3.48 kg. Bright, alert, responsive and hydrated. Mild pododermatitis both hind feet. Very clean, well furred feet. Small circle of alopecia 2 mm diameter circle at point of hock right foot only.

Notes;

- Wyatt has gained weight. Recommend decrease his pellets by ¼ cup per day
- Suspect Cheyletiella mites. Jasper, Doc and Johnny have localized areas with small scabs with tufts of fur attached, only around jaws. No alopecia or lesions at mouth/lip commissures or genitalia. We looked carefully at lesions but did not see any mites moving. Did not see mites on slides of tape tests either.
- Cheyletiella mites are generally species specific. However the rabbit species, Cheyletiella parasitivorax, prefers rabbits but can affect other species (dog, cat, people) and is zoonotic. Transmission; direct animal to animal or fomites.
- Today we took some fur samples w scabs for ectoparasite testing at IDEXX. Ordering selamectin for treatment. I
 will treat the rabbits even if tests come back negative, as mites are not always seen in all samples. Cheyletiella
 infestation can be asymptomatic. I don't expect issues with either having mites or treatment with topical
 selamectin.

Thanks very much, Leslie

From:

Jarrell, Leslie

Sent:

Tuesday, November 29, 2022 3:57 PM

To:

Cc:

Graff, Jaimie:

Subject:

Rabbits - update 11292022

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Thanks very much, Leslie



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10/49
5/11/20005
18 1 soub +



IDEXX BioAnalytics



FINAL REPORT OF LABORATORY EXAMINATION 4011 Discovery Drive, Columbia, MO 65201 1-800-669-0825 1-573-499-5700

idexxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 133695-2022

Received Date: 12/2/2022

Completed: 12/5/2022

Submitted By

MPF Federal

109 TW Alexander Dr

;jarrell.leslie@epa.

Phone: 508-838-4705

Phone: 919-541-5155

jarrell.leslie@epa.gov

Email:

Email:

RTP, NC 27709

Study Director

Leslie Jarrell
MPF Federal

109 T.W. Alexander Drive, MD 105-10

Research Triangle Park, NC 27709

Specimen Description

Species: rabbit Breed/Strain: NZW Description: Other

Number of Specimens/Animals: 1

Study: clinical

Client ID	Species	Strain /Breed	Sex	
1	rabbit	NZW	М	Collection Date
				11/29/2022

Services/Tests Performed: Ectoparasites - Fur Pluck (1)

Parasitologic evaluation for: fur mites, mesostigmata mites, lice

General Comments: Other - Fur Pluck

Summary: All test results were negative. Please see the report for details.

PARASITOLOGY

		1
parasites		95

From:

Jarrell, Leslie

Sent:

Tuesday, November 29, 2022 3:57 PM

To:

Cc:

Graff, Jaimie;

Subject:

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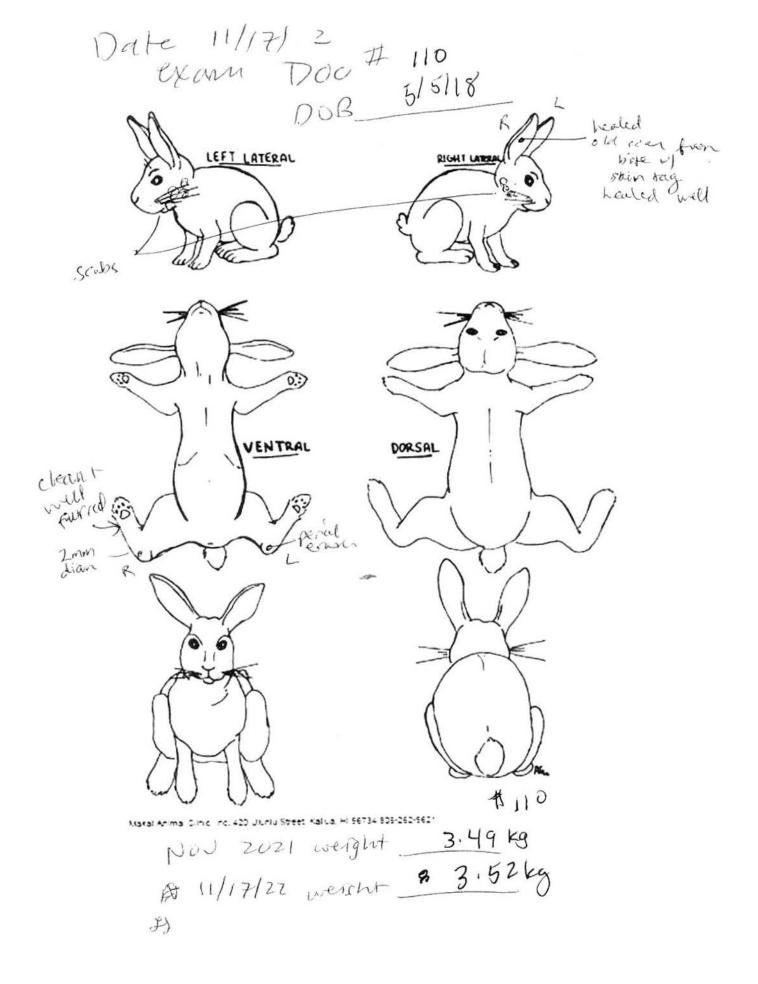
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 selamectin.

Thanks very much, Leslie

1. Coat/Fur & Skin	1	TESTS DED:	RECOMMENDATIONS:	
Appears normal Scaly	Dull/Dry (Scabs)	Annual Blood Work Urinalysis	□Cage Change:	Tech Initials:
Infection	Shedding NOV	Fecal Examination		
Matted Itchy	Tumors Hair Loss	Spay / Neuter Microchip	☐Bedding Change: Change Type	Temp:
Itelly	Hall Loss	Skin Scraping		
2. Eyes Appears Normal	Discharge	Fungal Culture Ear Cytology	□Diet Change: Please see handout	Weight:
Inflamed	Infection	Em Cytology		
Eyelid Deformities Cataract: L R	Ulcer: L R	Appetite: noppia	I/increased / decreased Urination: norm	al /increased/decreased
ST HELE		Water Intake: /norme	// increased / decreased Attitude: norma	al) abnormal
3. Ears Appears Normal	Inflamed: L R		res, Frequency: Feces: normal feet statement for the feet statement feet feet statement feet feet feet feet feet feet feet f	/ abnormal
Dirty	Mites	Sheezang.	(co, requesto).	
Tumor: L R Excessive Hair	Infected Painful	Presented For:	Annual exam	
4. Nose				5000 00 - 51.05 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Appears Normal	Nasal Discharge			2.01
Other:		Historical Issues/ Med	ications: Podo der mufit v	ville
	a N			
5. Mouth, Teeth, C	Broken Teeth			
Tarter Buildup	Tumors	Current Diet:	to pellet, unltd gran	si hay
Overgrown Incisors Overgrown Molars	Inflamed Lips Periodontal Disease	Current Diet.	or porter, i service of the	30 0
Overgrown roots	Abscessed	freh v	eg, few treats	
6. Legs & Paws		Examination:		LXI
Appears Normal Nail Problems	Joint Problems Lameness	BARH.	small pringoint scalo:	al sides
Other:	Lameness	of jaw		hickes
7. Heart	- 0			•
(Appears Normal)	240	attach		eart see
Slow Murmur	Fast Irregular	then	- only can feel t	hers. No
9 1	Smift	alopec	ia, under each so	ub is a
Appears Normal	Coughing	Carall		1 no mites
Abnormal Sound Rapid Respiration	Congestion Dyspnea	2000		7.7
I april 100 prison		July,	-ACS reports no pr	1 0 11
9. Abdomen		Feet		ed small
(Appears Normal	Abnormal Mass Tense/Painful	area	of 2 mm diantely	on R +
Enlarged Organs Fluid	Swollen	Deri	waser sière on a	-) hind hade
10. Gastrointestin	al System			
Appears Normal	Abnormal Feces	alipe		0 1 1 1
Stasis/Impaction Anorexia	Parasites	(F) Pinna	- healed old bite w	and ulstan
	9	tag		
Appears Normal	Abnormal Urination	(A) Suspect	noes - mild podod	ematitis
Mammary Tumors Abnormal Testicles	Genital Discharge	(R) Co	ment Chardetella - a	see emit
Automat restretes		() ()	1 colo la la colo la c	
12. Weight		z. mi	7 700- 100 07- 1	1
Normal	Obese	- Davil	1	In: 6 MU or pur Days
Heavy By:	Thin By:	Doctor: Doctor's na	me, DVM Need: <u>KeV</u>	In: Days
DIAGNOSIS OR I	PROBLEMS	PROGNOSIS	DIFFERENTIAL DIAGNOSIS	PLAN
1. Mites		Good	topical treatment one	more
2. podode	anothin m	ed Fair	nontor	
c. pousue	(NUMAR)	<i>F-w</i> (
Today's Date	: 11/17/22	Chart #:	Species/ Breed: Pabbit NZ	
Pet's Name:	ENDONE REPORT OF THE PROPERTY AND ADDRESS OF THE PARTY.	Last Name:	Color: LL	hite Sex: MI

(



Jarrell, Leslie (she/her/hers)

00C- AHR 22072

From:

Sent:

Tuesday, July 26, 2022 1:01 PM

To: Cc:

Jarrell, Leslie;

Subject:

AHR Closure

Importance:

High

Hi all,

For your records AHR # 22072 has been closed, The ear has healed leaving a scar, Issue resolved.

Thanks,

Veterinary Technician

MPF Federal LLC.

Contractor for U.S EPA

Jarrell, Leslie (she/her/hers)

DOC - AHR 22072

_			
	ro	m	

Jarrell, Leslie

Sent:

Tuesday, July 5, 2022 12:51 PM

To: Cc:

Graff, Jaimie;

Subject:

Re: AHR#'s 22072- DOC 070522

Follow Up Flag:

Follow up

Flag Status:

Flagged

Hi all,

Doc was checked once to twice daily over the weekend. He has continued to have normal size, shape and number of fecal pellets. He has some cecotrophs too and will be monitored. He ate all his Critical Care fiber from yesterday.

His left ear looks good. For his right ear- He still has a healing scab at near tip of ear, it is still granulating, maybe it will scar in and not be a defect. Will monitor. The other lesion is still confined to inner ear surface and is scabbed. These no longer have redness, swelling or temperature change, and the ear itself is no longer swollen.

Plan; Discontinue Critical care fiber today. Continue to monitor ear for swelling and redness until scabs are healed.

Thanks, Leslie

Sent from my iPad

On Jun 30, 2022, at 4:31 PM, Jarrell, Leslie < Jarrell.Leslie@epa.gov> wrote:

Update Fri 6/30/22 pm. Doc is doing well so far. His ear still has a large scab at the inner ear lesion and a punctate scab at the lesion closer to the tip of his ear. Ear temperature is the same as normal ear, and ear doesn't appear inflamed or swollen. Doc is eating well and has normal feces. He finished one antibiotic yesterday and finished his last dose of the other this afternoon. We will monitor tomorrow for any changes. will be in on Sat and Mon to check him, I will be in Sat evening, Sun morning and depending on how he is doing, Sun and Mon evening.

Thanks, Leslie

Sent from my iPad

On Jun 27, 2022, at 6:38 PM, Jarrell, Leslie < Jarrell.Leslie@epa.gov> wrote:

HI all. Update Mon 6/27/22 pm from the weekend and today. Doc is doing well so far on 2 antibiotics (one administered twice a day and the other once a day), wound care and treatment, and meloxicam, an NSAID analgesic. He has 2 lesions on his ear. Rabbit

ears take a long time to heal. Today, the affected ear is approximately the same temperature as the other ear to the touch. Swelling and redness/ erythema has mainly receded. He is eating well and defecating normally. Cour vet tech) and I are still on high alert, but I am happy with his progress. One lesion may leave a defect in the ear. We will decide later this week about continuing meds. Thank you, Leslie

From: Jarrell, Leslie

Sent: Friday, June 24, 2022 11:09 AM

To:
Cc:

Graff, Jaimie < Graff. Jaimie@epa.gov>

Leslie Jarrell

(MPF*) < ljarrell@mpffederal.com>

Subject: Re: AHR#'s 22072- DOC-062322 - antibiotics

Hi

No he doesn't need one. He's not scratching. He is shaking his head a little which as you know can contribute to swelling. He has some cellulitis / inflammation and likely infection. However I think he would be very upset in an e-collar. I need him to keep eating well. If he was a pet I would wrap his ear, but he is not a pet, and is not living in someone's house, so he can be supervised all the time and at night.

He is doing OK. He is eating and pooping well. He got SQ fluids with antibiotics today, and will continue on oral NSAID and antibiotics, and the topical. and I will be watching him and doing treatments over weekend and next week. I hope his ear will heal and inflammation will drop. I expect to see some improvements over the next 3 to 5 days. If not, we may need to pursue bandaging strategies during the week despite the risks.

Thanks, Leslie

Sent from my iPad

On Jun 24, 2022, at 11:03 AM,

wrote

He may be scratching it I'll look in on him shortly

From: Jarrell, Leslie < <u>Jarrell.Leslie@epa.gov</u>>
Sent: Thursday, June 23, 2022 4:21 PM

То
Cc:
Graff,
Jaimie < Graff.Jaimie@epa.gov>;
Leslie Jarrell (MPF*)
<pre>ljarrell@mpffederal.com> Subject: RE: AHR#'s 22072- DOC-062322 - antibiotics</pre>
Importance: High
Hi III
Doc's affected ear is red. He doesn't seem painful. I'm going to start him on TMS (antibiotic) in his critical care today. Also I am going to try to treat his ear wound with honey. Usually I like Silvadene, but I'd like the wound to be moist for longer. I may try to wrap it somehow. That is an issue because he is not a pet rabbit, and no one will be supervising him all night to make sure he does not eat his bandage.
Depending on how it looks tomorrow, I may give one dose of injectable antibiotics in a SQ fluid pocket.
*Please note. Antibiotics always come at a risk with rabbits. *
Also Note: If the bite wound doesn't heal properly, the distal ear can lose blood flow- at that spot and distal to it. This could mean that part of his ear may slough. If his ear below the bite wounds looks like it going to be necrotic, generally these are <u>NOT</u> amputated. The tissue is allowed to declare itself and the necrotic part will slough, and the remaining part should heal. If it does not heal, we will need to do surgery at that point. Hopefully we will not get to this point.
and I will be in over the weekend to do his treatments twice a day. will be doing Sat AM, I will do Sat PM, Sun AM and PM. During the week, 7 am and 4 pm will work. We will administer TMS in critical care.
We will need to carefully watch Doc and make sure he is eating OK. We will need to make sure he is pooping a normal amount (at least a handful of big equal round fecal pellets per day).
Thanks, Leslie
From: Jarrell, Leslie Sent: Thursday, June 23, 2022 11:37 AM To:

Cc:
Graff,
Jaimie <graff.jaimie@epa.gov></graff.jaimie@epa.gov>
Subject: RE: AHR#'s 22072 Doc- update 062322 Importance: High
importance. right
Hi all,
I'm sorry for the delay in this update. and I rechecked Doc's ear earlier this week. He still has a healing bite wound on left ear. It has
not improved as fast as I had hoped. We have continued Silvadene
topical treatment once a day.
over the weekend on Sat, and me on Sun).
If the wound does not improve soon, I will start Doc on TMS =
trimethoprim sulfa, an oral liquid antibiotic. This will be twice a day for
5 days. I had hoped to avoid it, but just in case, I wanted to let you know. If needed, I will dose him via the Critical Care slurry as a
vehicle. Oral antibiotics in rabbits are always a cause for worry due to
the potential for dysbiosis. We will start him on Critical care
(unadulterated) once a day today and tomorrow in preparation. Usually he really likes it. The TMS is cherry flavored so
should be accepted too.
Thanks, Leslie
Lesile
Francisco I Calla
From: Jarrell, Leslie Sent: Thursday, June 16, 2022 4:17 PM
То:
Cc:
. GH
Graff, Jaimie < Graff. Jaimie @epa.gov >;
Julille Solali Jalille (Bebalgov)

Subject: Re: AHR#'s 22072 Doc

Hi all,

Today Doc 110, and Jasper 104, got into the same play pen, and fought. Doc has bite wounds on his ears, a moderate laceration on his right ear with some shallow scratches on the inner pinna, and some shallow scratches on the left ear. Testicles OK!!! Abdomen normal, BARH, no other wounds seen.

A; fighting in pen, ear wounds

P; silvadene topical today and Fri, recheck on Tues or earlier if

necessary.

Discontinue all playpen use, for all rabbits, starting now.

Leslie

Sent from my iPad

On Jun 16, 2022, at 2:03 PM, wrote:

Number: 22072

Date Found: 06/16/22 Time Found: 12:45pm

Found by:

Room: 486B Investigator:

LAPR#: 25-04-001

Species/Strain: Rabbit/NZW

Sex: Male DOB: 05/05/18

Bred:

Date Received: 08/02/18 Animal ID/Cage: #110 Abrasion at right ear

Number: 22073

Date Found: 06/16/22 Time Found: 12:45pm

Found by: Room: 486B

Investigator:

LAPR#: 25-04-001

Species/Strain: Rabbit/NZW

Sex: Male

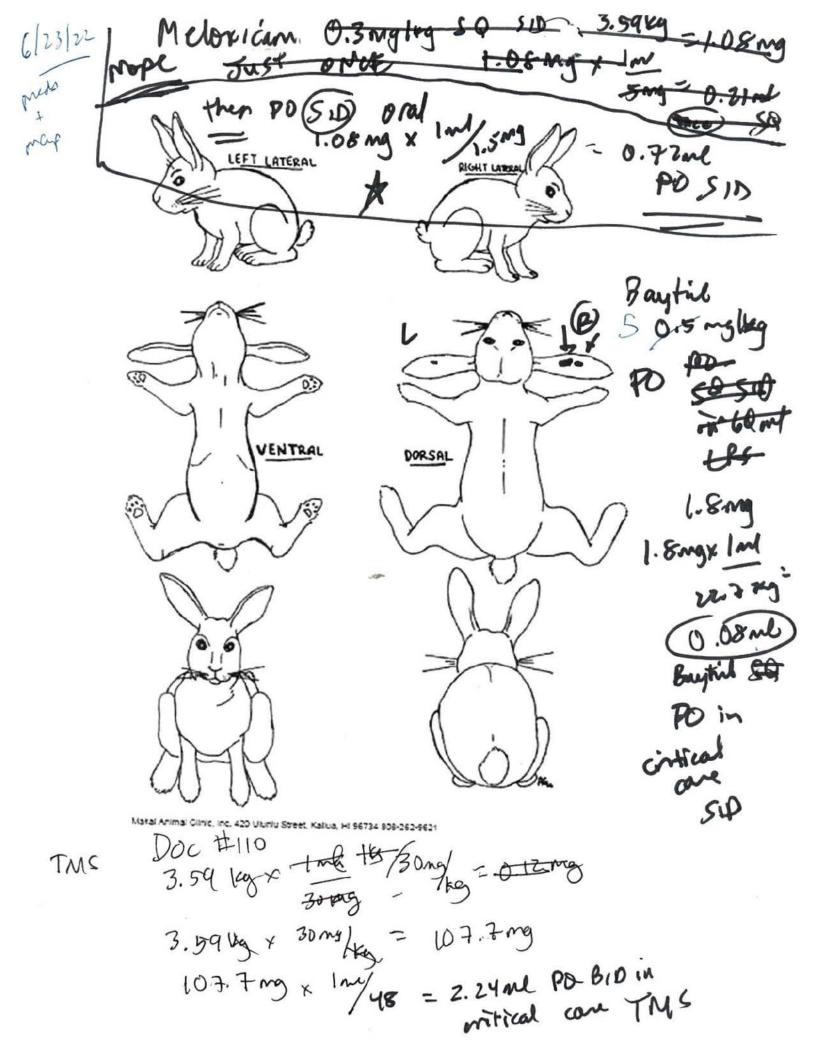
DOB: 05/07/14

Bred:

Date Received: 11/05/14 Animal ID/Cage: #104

Broken nail on right front and right hind paw

Both rabbits were in their separate play pens then I rabbit got into the others pen. The ACT came in to do her hourly check on the rabbits and found both in the same pen together, lying beside each other a little out of breath with minor injuries. Both rabbit pens were still closed with no sign of forced entry.



Jarrell, Leslie (she/her/hers)

AHR 22073

F	rc	10	n	:

Friday, June 17, 2022 1:30 PM

but discusses DOC

Sent:

To:

Jarrell, Leslie;

Cc:

Graff, Jaimie;

Subject:

RE: AHR# 22073- Jasper

Importance:

High

Funny Doc was never aggressive with the females, and he doesn't want to mount the stuffed bunny. EXCEPT both times I put Jasper in and then pulled him out, I put Miss Kitty in and he mounted right away!

From: Jarrell, Leslie < Jarrell.Leslie@epa.gov>

Sent: Friday, June 17, 2022 1:27 PM

To: Cc

Graff, Jaimie < Graff. Jaimie@epa.gov>;

Subject: Re: AHR# 22073- Jasper

Will consider.

Thanks, Leslie

Sent from my iPad

On Jun 17, 2022, at 1:26 PM,

FYI: I Think we should exercise Jasper but just by himself, no other rabbit in the pen next door. This way he gets out of the cage.

Thanks,

From

Sent: Friday, June 17, 2022 1:15 PM

To: Jarrell, Leslie < Jarrell. Leslie@epa.gov >

Cc:

Graff, Jaimie < Graff. Jaimie@epa.gov>;

Subject: RE: AHR# 22073- Jasper

nope

17 2 220 73 Jaspan

From: Jarrell, Leslie < Jarrell. Leslie @epa.gov > Sent: Friday, June 17, 2022 12:59 PM

To:

Graff, Jaimie < Graff. Jaimie@epa.gov >;

Subject: Re: AHR# 22073- Jasper

Have you noticed any aggression between the others? I have to look up who fought last across the

fence. Thanks, Leslie

Sent from my iPad

On Jun 17, 2022, at 11:42 AM,

wrote:

No I didn't use him anymore after 2 attempts resulted in the same response.

The stuffed bunny ("Miss Kitty") has been been here and used for some time now. Actually have AV's warming at this moment.

Are you planning to exercise the other 3 (Doc, Johnny, Wyatt) together now?

From: Jarrell, Leslie < Jarrell. Leslie@epa.gov >

Sent: Friday, June 17, 2022 11:37 AM

To: Cc:

Graff, Jaimie

<Graff.Jaimie@epa.gov>;

Subject: Re: AHR# 22073- Jasper

Hi

Ok then it will be too stressful for Jasper to use as a teaser. Is the stuffed rabbit here yet?

These rabbits Doc and Jasper, should not be exercised together either. It will be hard to keep Jasper socialized if the other rabbits try to beat him up. He will miss out on social housing. I will draft an exemption.

I will work on a new plan for exercise pen.

Thanks, Leslie

On Jun 17, 2022, at 10:57 AM, wrote:

Doc was likely the aggressor – he went after Jasper right away when I tried to use him as a teaser – wonder how he got with Jasper ?

From: Jarrell, Leslie < <u>Jarrell.Leslie@epa.gov</u>> Sent: Thursday, June 16, 2022 4:20 PM

Го:	
Cc:	
Graff, Jaimie < Graff.Jaimie@epa.gov>;	

Subject: Re: AHR# 22073- Jasper

Hi all,

Today Doc 110, and Jasper 104, got into the same play pen, and fought. Jasper had a few broken toenails but was ambulating normally and no other issues seen. Testicles OK!!! Abdomen normal, BARH, no other wounds seen.

A; fighting in pen, broken nails

P; Recheck Fri, recheck on Tues or earlier if necessary.

Discontinue all playpen use, for all rabbits, starting now.

Leslie

Sent from my iPad

On Jun 16, 2022, at 2:03 PM, wrote:

Number: 22072

Date Found: 06/16/22 Time Found: 12:45pm

Found by: Room: 486B Investigator

LAPR#: 25-04-001

Species/Strain: Rabbit/NZW

Sex: Male DOB: 05/05/18

Bred:

Date Received: 08/02/18 Animal ID/Cage: #110 Abrasion at right ear

Number: 22073

Date Found: 06/16/22 Time Found: 12:45pm

Found by: Room: 486B

Investigator:

LAPR#: 25-04-001

Species/Strain: Rabbit/NZW

Sex: Male

DOB: 05/07/14

Bred:

Date Received: 11/05/14 Animal ID/Cage: #104

Broken nail on right front and right hind paw

Both rabbits were in their separate play pens then I rabbit got into the others pen. The ACT came in to do her hourly check on the rabbits and found both in the same pen together, lying beside each other a little out of breath with minor injuries. Both rabbit pens were still closed with no sign of forced entry.

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DOB: 05/07/14

Bred:

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PATIENT EXAMINATION REPORT CARD SMALL MAMM TESTS NEEDED: RECOMMENDATIONS: Tech Initials: 1. Coat/Fur & Skin Appears normal Dull/Dry Annual Blood Work Cage Change: Scabs Urinalysis Scalv Shedding Infection Fecal Examination Temp: Spay / Neuter Matted Tumors Bedding Change: Change Type Hair Loss Microchip Itchy Weight: Skin Scraping 2. Eyes Fungal Culture Diet Change: Please see handout Appears Normal Discharge Ear Cytology Inflamed Infection Ulcer: L. R. **Evelid Deformities** Appetite: normal / increased / decreased Urination: normal/increased/decreased Cataract: L R Water Intake: Attitude: normal/abnormal normal / increased / decreased 3. Ears normal / abnormal Coughing: Feces: No / Yes, Frequency: Appears Normal Inflamed: L R Sneezing: No / Yes, Frequency: Dirty Mites Tumor: L R Infected 1000 Fighting Excessive Hair Painful Presented For: 4. Nose Appears Normal Nasal Discharge Historical Issues/ Medications: Podode mutitis, mild Other: 5. Mouth, Teeth, Gums Appears Normal Broken Teeth Tartar Buildup Tumors Current Diet: Inflamed Lips Overgrown Incisors Overgrown Molars Periodontal Disease Overgrown roots Abscessed 6. Legs & Paws Examination: Appears Normal Joint Problems Nail Problems Lameness Other: 7. Heart Appears Normal Slow Fast Tasper Murmur Irregular 8. Lungs Appears Normal Coughing Abnormal Sound Congestion deep Rapid Respiration Dyspnca 9. Abdomen Appears Normal Abnormal Mass Enlarged Organs Tense/Painful Fluid Swollen 10. Gastrointestinal System Appears Normal Abnormal Feces Stasis/ Impaction Parasites Anorexia 11. Urogenital System Appears Normal Abnormal Urination Genital Discharge Mammary Tumors Abnormal Testicles 12. Weight Normal Obese Heavy By: Thin By: Doctor: Doctor's name, DVM Need: Ke Days DIAGNOSIS OR PROBLEMS PROGNOSIS DIFFERENTIAL DIAGNOSIS PLAN Today's Date: Chart #: Color: White Sex: MT Pet's Name: Last Name:

namol	months !	in pan Behari
122 BARTH Recho		
re-opened.	Le- start .	istradore topical
SID. Mori	to-/	80
+ 6(23(27 Thurs	w	3.59 kg
moller. Un	t and tea	tge medial is
D'Erketin from	bite wood	
(P) Start and	1 TMS 30,	ng licy PO BLD
Start Frije	ctable Bay	til Bryles -
Start Meh	rácam PD	in instead care
6/24/22 hi see AHR ch	art	JJ 7m
6/25/22 sat BA	24	woll today +

Rabbit Weight – Doc Holliday 110 DOB 5/5/18

Date		Weight
17.42	12 / As S As &	
11/19/18		2.86
2/2/19	Make make mi ex	3.06
4/8/19		3.26
4/15/19		3,36
4/22/19		3.24
5/6/19		3.30

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AHR Number: 22072

Room: A 486 B

Close Date: 7/26/22

US EPA RTPP	Campus Anim	al Health Report
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Date Found: 06/16/22 Time Found: 12:45pm

Found by: Room: 486B

Investigator:

LAPR#: 25-04-001

Species/Strain: Rabbit/NZW

Sex: Male DOB: 05/05/18

Bred:

Date Received: 08/02/18 Animal ID/Cage: #110 Abrasion at right ear

Treatment Sheet Needed?

Yes No 🗌

Date Completed 6/18/22

DATE	TIME		Initials
6/16/22	3:00pm	Today Doc 110, and Jasper 104, got into the same play pen, and fought. Doc has bite wounds on his ears, a moderate laceration on his right ear with some shallow scratches on the inner pinna, and some shallow scratches on the left ear. Testicles OK!!! Abdomen normal, BARH, no other wounds seen. A; fighting in pen, ear wounds P; silvadene topical today and Fri, recheck on Tues or earlier if necessary. Discontinue all playpen use, for all rabbits, starting now.	LJ
6/11/2	9:15Am	Ears Look Good, They and So	attak
6t per		enting & Dresping	
6/21/20	11:30 AO	has abrasions that	
		Put back on sit vadere to preside of recently	adai

Rev 10-2019 LJ

BARH = Bright, Alert, Responsive, Hydrated BNP = (topical) Antibiotic ointment with Bacitracin, Neomycin, Polymixin SID = Once daily; BID = Twice daily Rev 10-2019

. Doc PE

Animal health Report Continued Room No. A 486 B Investigator AHR 22 0072 9:45AM BARIT R San Abrasions 6/23/22 45 FRI 6/24/22 8243 Am hot supller man canol + inne edge; wounds are starting to granulate but ear is red + snotlar. Otherwise active (P) Continues this AM > LAS GOMES + baytil 0.08ml SQ 7 (5mg/kg) D faw Honey on ear wounds confine streat up neloxican PM CIO. 58 fluids tomorrow AM uldaytul SA TMS 30 mg/mg = 107 mg = 2.24 ml

Sat 6/25/22 8:45AM BARH @ ear less red + cooler (All) continue reatments. New treatment sheet - last one is too confusing so re-wrote of

40

Bayful singley actually 0.8 ml

Sun 6/26/22 9 AM 510 BARH. (B) pinns still red Almost same temp as (1) ear (normal) though Ate all mods from yestrolay wound ox but ear is red. Feces normal+ normal inflammation /cellulin/ amount. A Continus infection P contine neds as planned holded stambery Jam for Litte nedication accepted well; altho high rugar content; very small ant. Rev tomorrow + give meds PM tiday Mon 6/27/22 Am- ate all meds PM > BARH. For less inflamed + same temp as other can deaned is betading + saling Honey on 2 wounds > Principle is now through t through but has scale Inner only but still large & cab colon is Pink + not red enymena anymore Plan. continue meds De melos com tomoron

DUG (3)

6/28/22 9:00 Am BANH Een Looks Sare as 6/29/2 9:10 AM BARH Ear not as red Abrasiani healing, AM Gave TMS in tuly cal cone Amoque Buffred in strawben Jelly see Treatent short 5pm BARH For is less inflamed + same temp as other ear. Good cent feces in par - normal. - confide TMS POBID formanon AM+PM, then DIC after PM dose -last dose buttil today in Den - clean ear formorrow > try inthat topical personan If 6/30/22 9:00 A BALH For same temp + wolor of pink as normal ear. Mild sout on nose. Good ant + sine contine TMS po AM & cleaned ear placed honey is he hates ear cleaning tord meds Plant PM - TMS in jam or critical at 7 248 days front PM TMS in jam or critical care last dose & cont to monitor > ear red / hot / swollen? No > eating ok + pagingok? Yes. of BARH Ear sme temp + color 7(1/22 93)A as other ear! wormal feers. Are all ce New oxford my - shill disappoints ant of seed heads. But sk.

Scales on ear sites - no topical - state +

7/1/22 popical (sinadere) + TMS again. H But watch s cabs for 1 redress surrounding wo faces yet) give critical come of 7/2/22 BARIT En Looks good is a Normal teny, not hat or warn. redness wonal, feces wonal base cuttal core Abe atreal core from night before, 7/2/22 4 pm 100ks same as above ears sam temp & color, no swelling at scales. Bother 7/3/22 UAM BARH. For 10000 butter! Normal tempt color too swelling at scabs right now. Wormal feces AIP continue citical care SID + monitor goals fill fully healed &f Ear Looks God ate all 2/4/22 BARH Cretical care to from 7/3/22 Eur is Noval en color

retical care to from 7/s/22

Sur is Noval en calor
and treng. Eating + Duchy
feces Noval
Gave cutical care &

(nother ved AHR Number: 2207, Room: 486B Close Date: US EPA RTPP Campus Animal Health Report Treatment Sheet Needed? Number: Yes No Date Found: Date Completed Time Found: Found by: Jaort Room: Investigator: LAPR#: Species/Strain: Sex: DOB: Received:

Date	Time	Notes	Initials
15/22	NOON	S/O For D normal color + temp	
55		no swelling scales healing still	
		Ate all cc: normal feces in	
		new changed Dun	
		App Discontinue critical care	
		treatment	
		Contint Monitor ear for	
		redress / swelling/	
		wating 51B'	47
		, , ,	
7/6/122	10:10AM	BARIT Scales healing monetar	
2/1/22	9:40Am	BANH ECT is normal in color	
		and temp scales are still	
		heading Avincel has normal	
		healing Animal has normal fecter; Eating and dusting	
261	- 4.		
114/22	9:15/11	7 BARIT Eur in romalier	
		Tenf + color Scalie one	
		Tenf + color scale ore healing rating & derking	
r la la		0	
111/2	12.45	BARIT Ear is healing	
Rev 10-2019	ν.	Noral Tery & Cellapu = Bright Alar Pagna	nsive. Hydrate
M		BNP = (topical) Antibiotic	c ointment wit
		SID = Once daily; BID	- I wice dall

Animal ID/Cage:

Investigator_

2/26/2	16:24 100	BARIT has Granulenghave
1		tisine, NO lossos
		Not ulcerated, Scang all healed
		all breeded
		AHR closed the Issue has been resolved
		Total la boom
		15500 has veer
		resolved
	1	
	-	